



QPSK

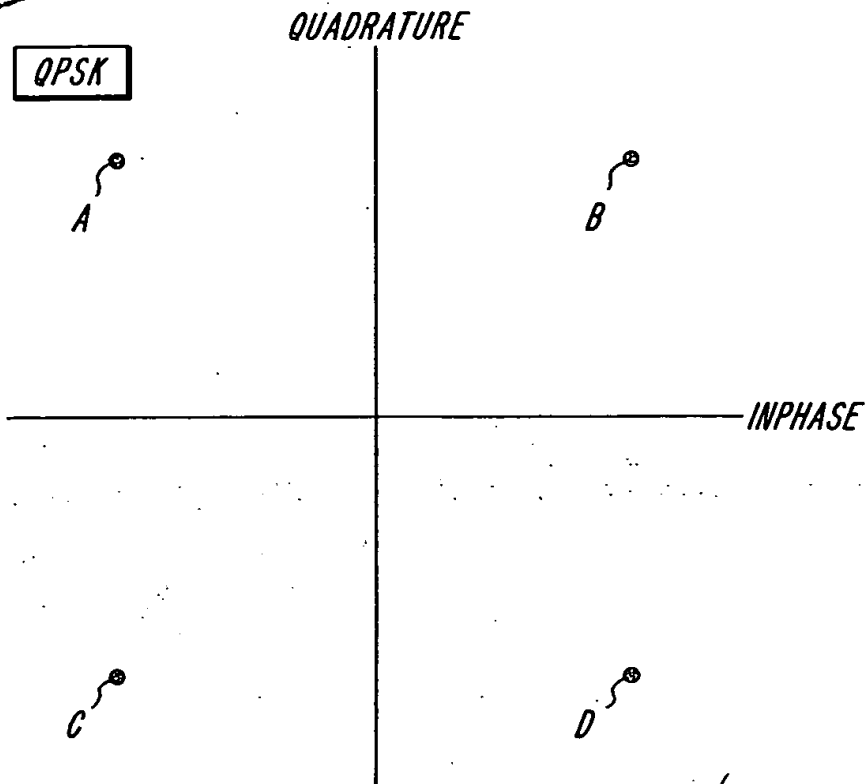


FIG. 1(a)

("Prior Art")

16QAM

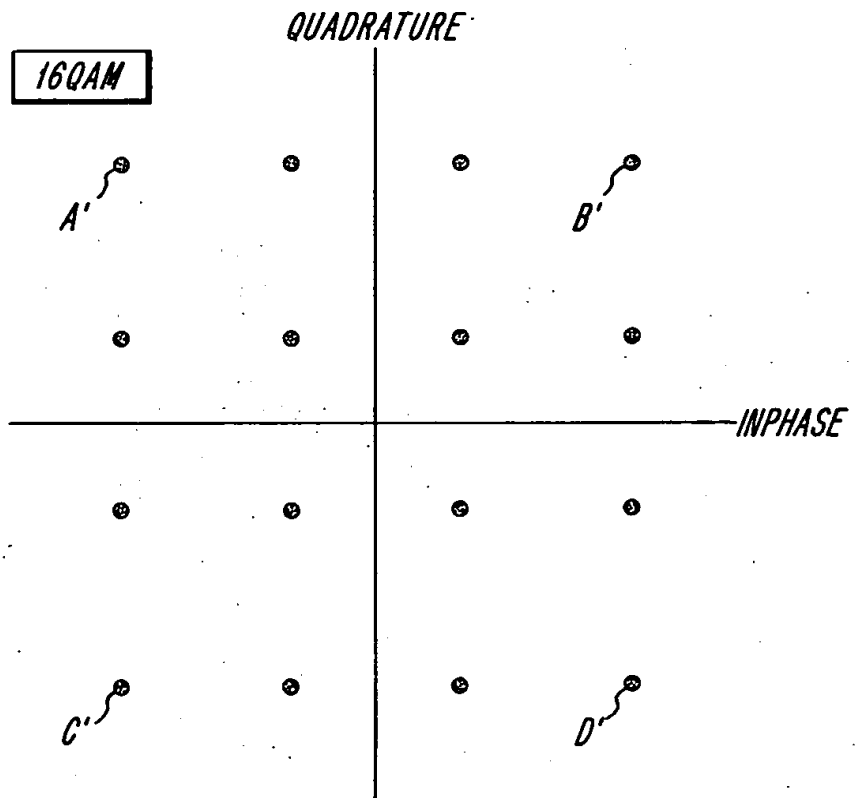
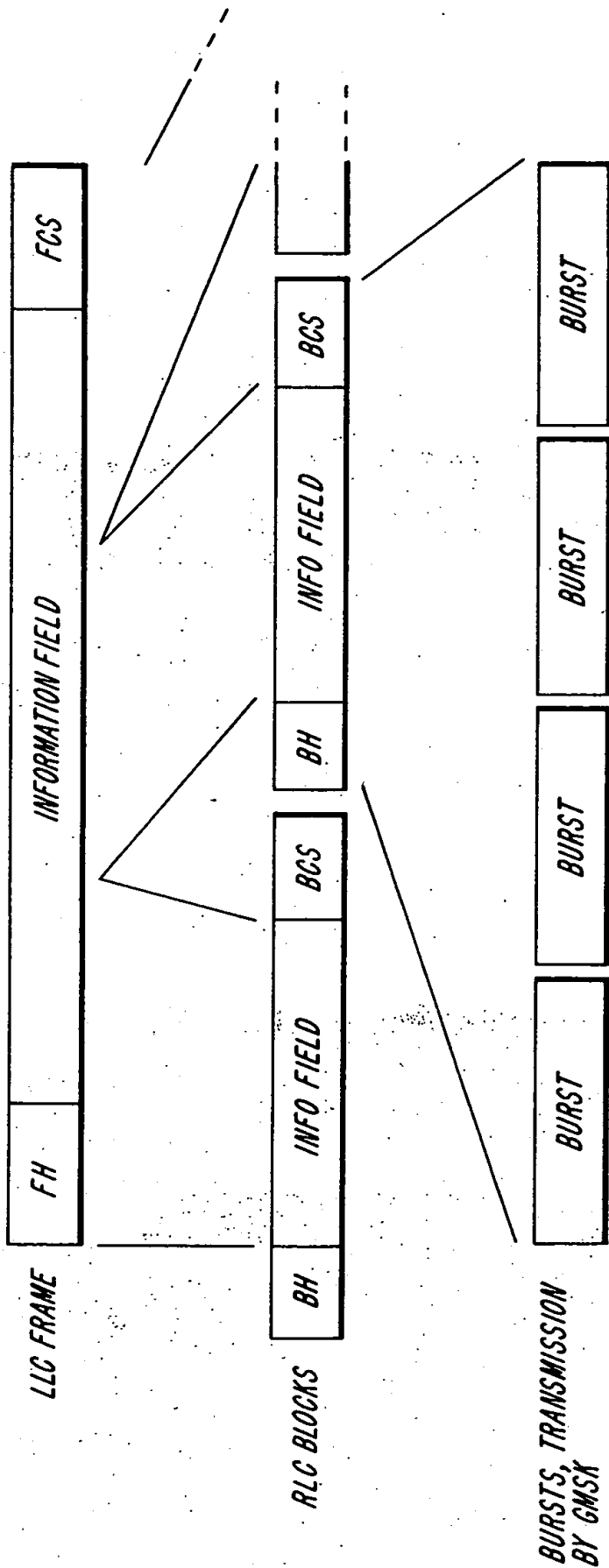


FIG. 1(b)

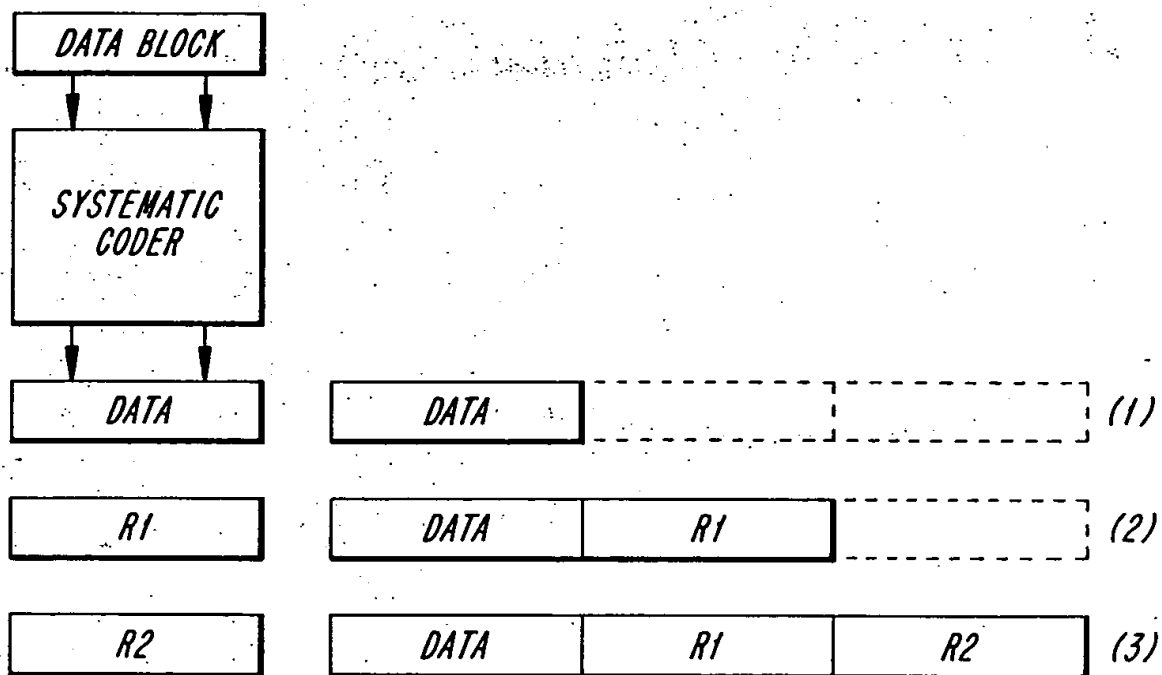
("Prior Art")

FIG. 2



("Prior Art")

FIG. 3



3 DECODING ATTEMPTS

("Prior Art")

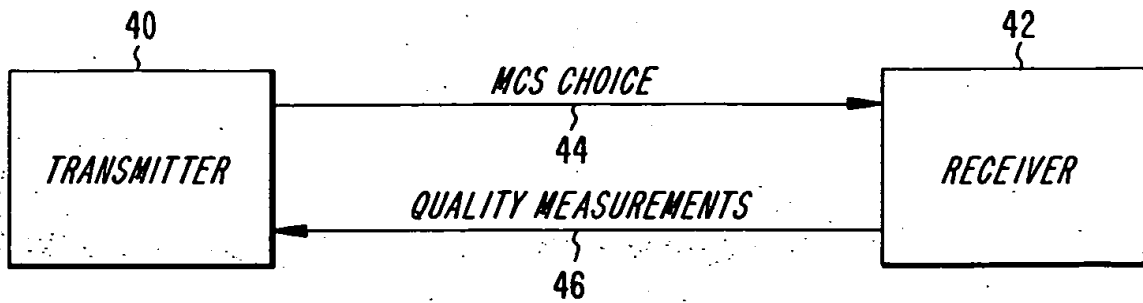


FIG. 4(a)
(PRIOR ART)

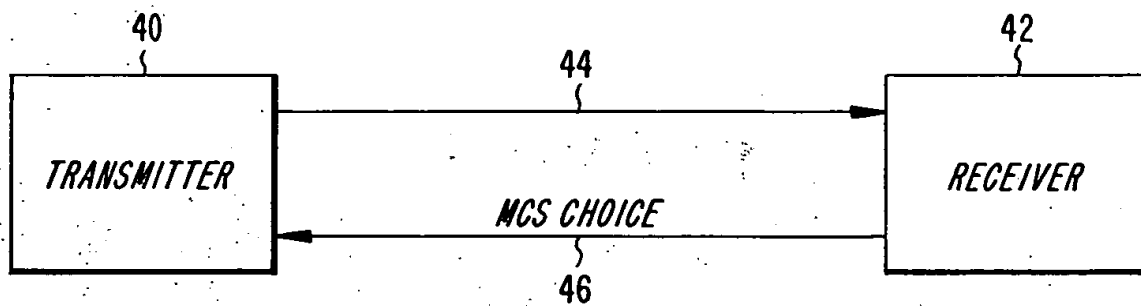


FIG. 4(b)
(PRIOR ART)

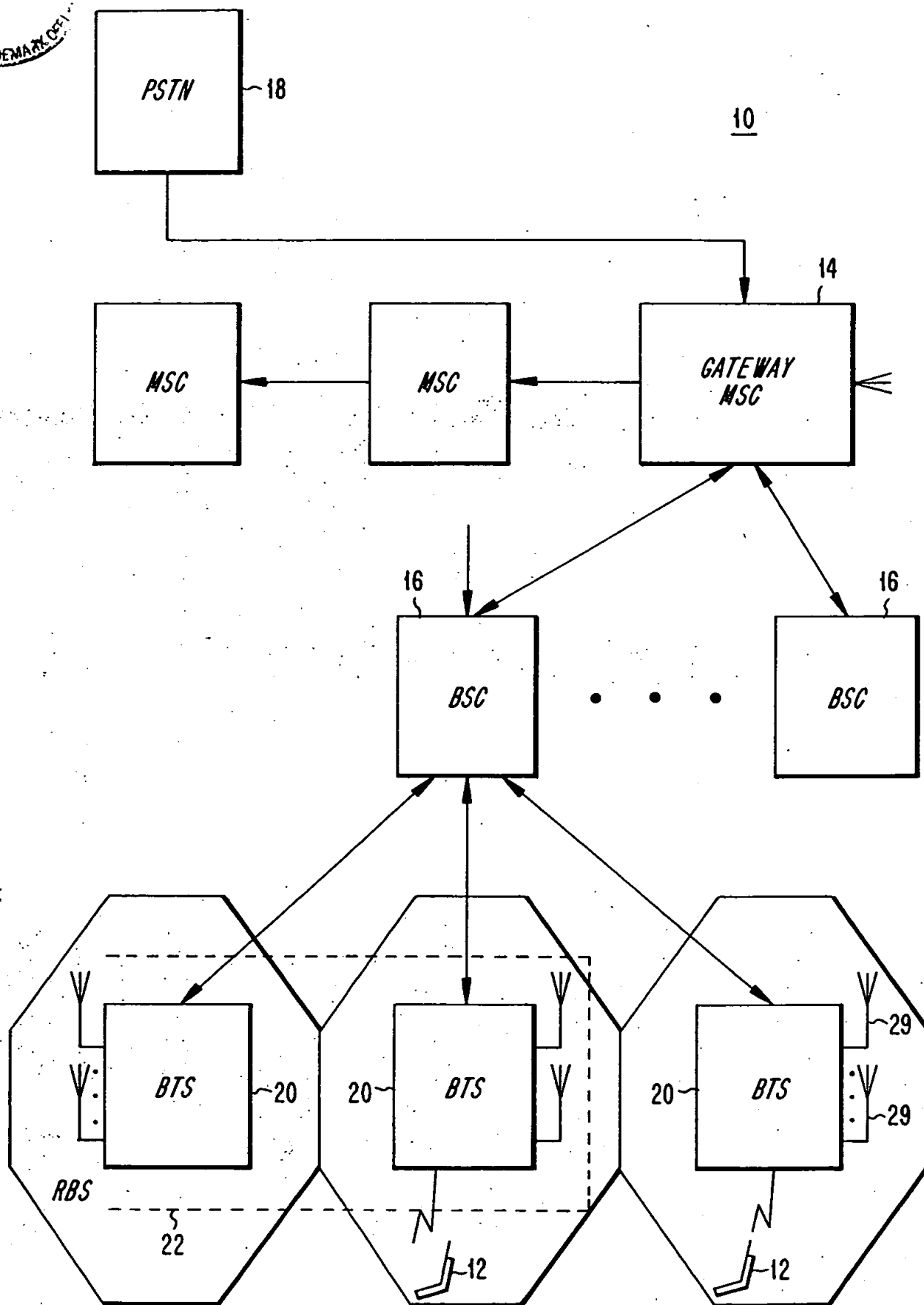
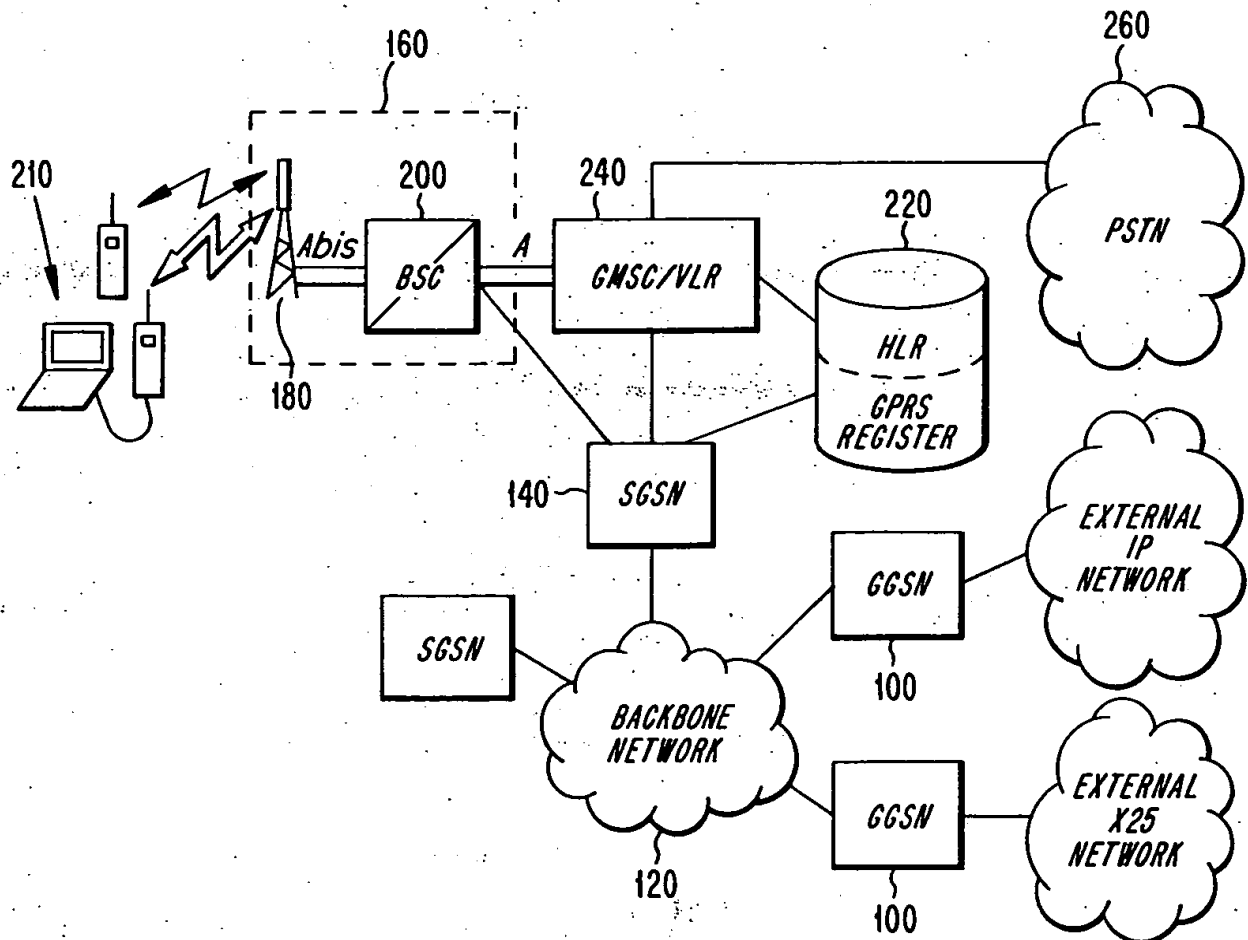


FIG. 5(a)
("Prior Art")



BSC = BASE STATION CONTROLLER
GMSC = GATEWAY MOBILE SWITCHING CENTER
VLR = VISITOR LOCATION REGISTER
HLR = HOME LOCATION REGISTER
SGSN = SERVING GPRS SUPPORT NODE
GGSN = GATEWAY GPRS SUPPORT NODE

FIG. 5(b)

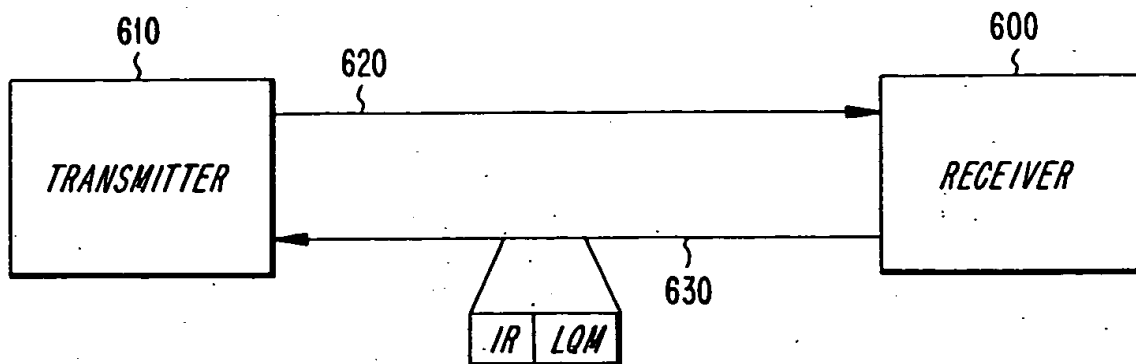


FIG. 6(a)

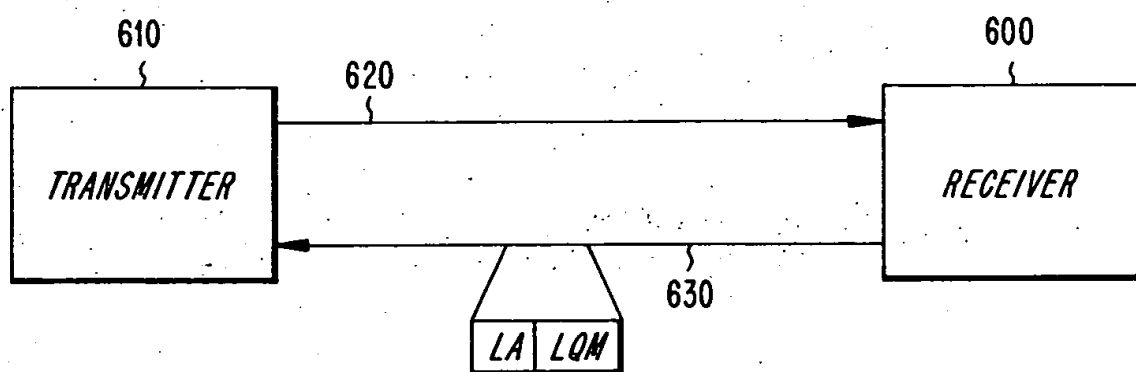


FIG. 6(b)

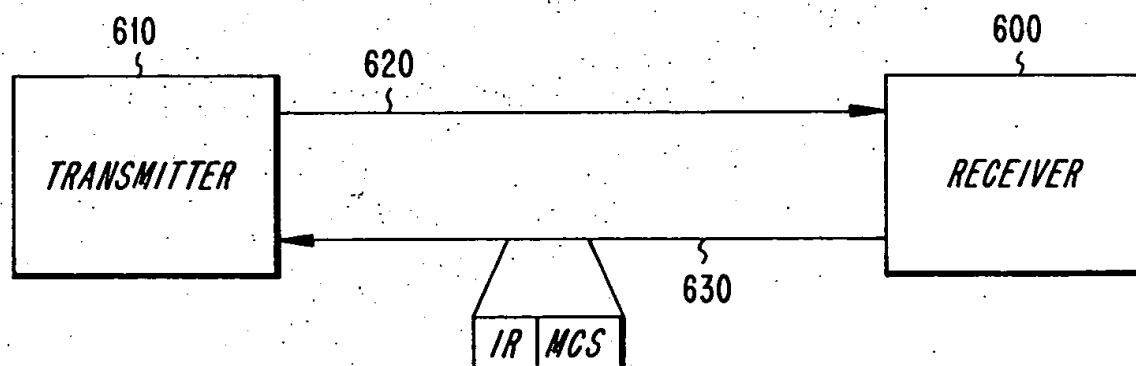


FIG. 6(c)

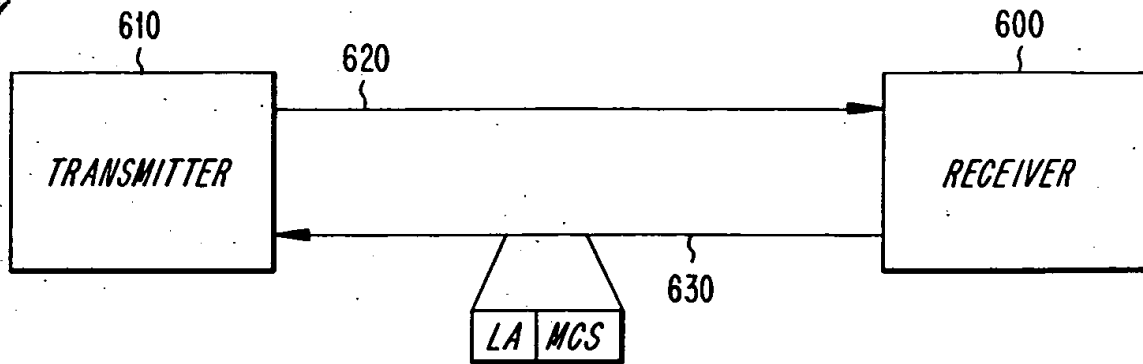


FIG. 6(d)

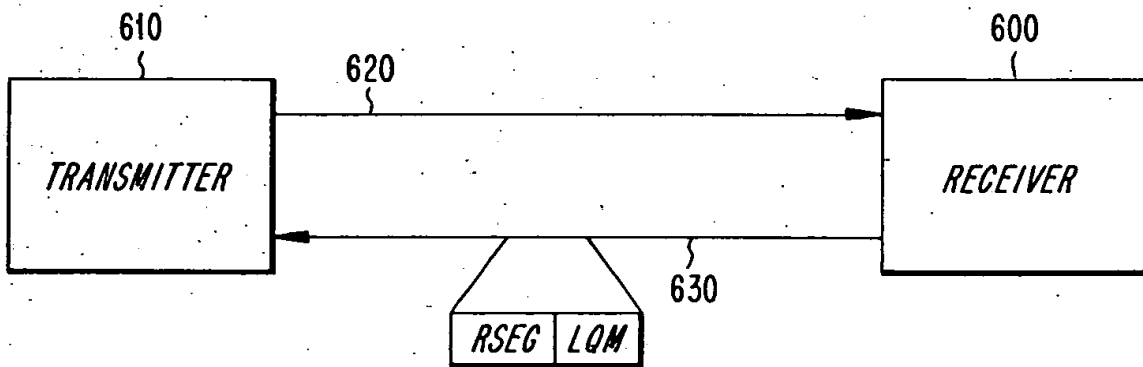


FIG. 6(e)

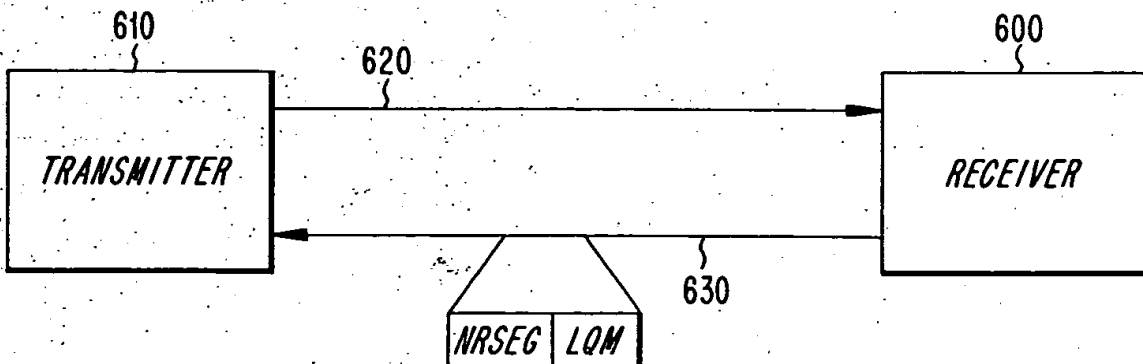


FIG. 6(f)

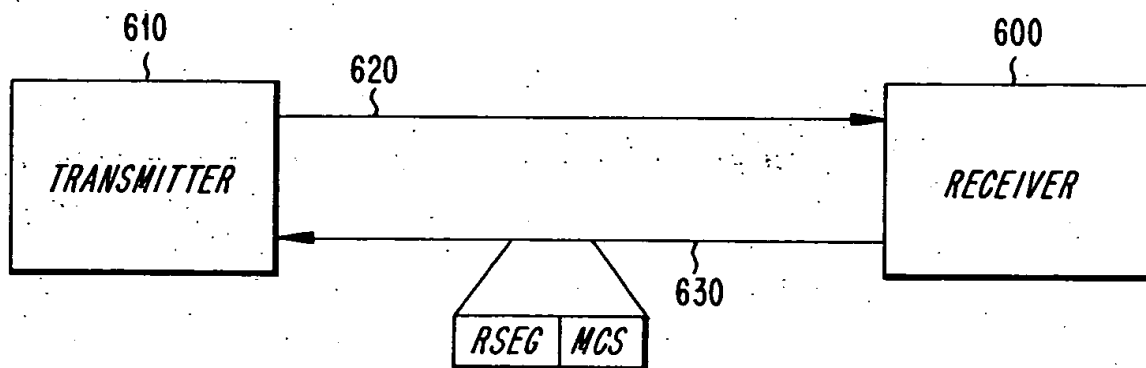


FIG. 6(g)

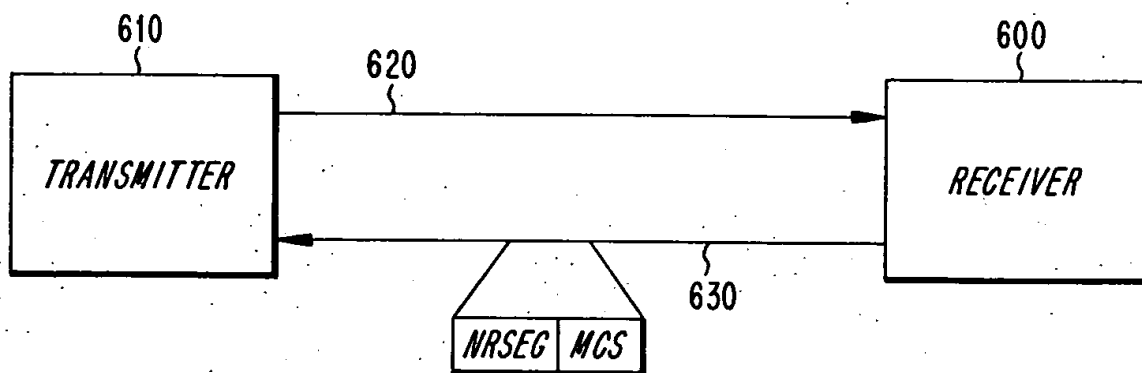


FIG. 6(h)

<i>MCS OF INITIAL TRANSMISSION OF A BLOCK</i>	<i>POSSIBLE MCS OF RETRANSMISSIONS OF THAT BLOCK</i>
<i>MCS-8 (FAMILY A)</i>	<i>MCS-8, MCS-6, MCS-3</i>
<i>MCS-7 (FAMILY B)</i>	<i>MCS-7, MCS-5, MCS-2</i>
<i>MCS-6 (FAMILY A)</i>	<i>MCS-8, MCS-6, MCS-3</i>
<i>MCS-5 (FAMILY B)</i>	<i>MCS-7, MCS-5, MCS-2</i>
<i>MCS-4 (FAMILY C)</i>	<i>MCS-4, MCS-1</i>
<i>MCS-3 (FAMILY A)</i>	<i>MCS-3</i>
<i>MCS-2 (FAMILY B)</i>	<i>MCS-2</i>
<i>MCS-1 (FAMILY C)</i>	<i>MCS-1</i>

FIG. 7

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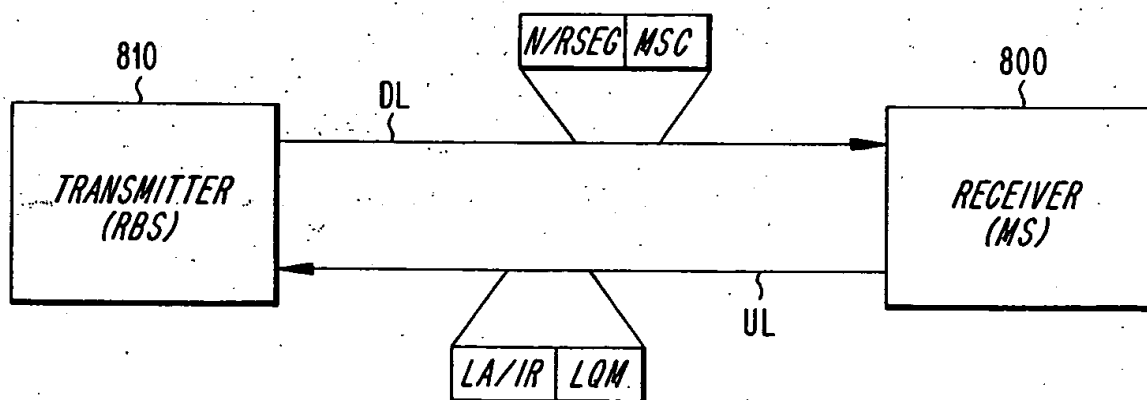


FIG. 8